

TELECOPY COVER SHEET

RAUSCHENBACH PATENT LAW GROUP, LLC

ATTORNEYS AT LAW

TO: Examiner Wilson Lee
AT: United States Patent and Trademark Office
Art Unit: 2821

TEL: 703.306.3426
FAX: 571.273.1824

FROM: Kurt Rauschenbach, Ph.D.
DATE: December 9, 2004
RE: SIDS filed on April 14, 2004 and April 29, 2004
CLIENT: USSN: 10/065,629 (ZON-002)
PAGES: 12 (Including this Cover Sheet)

COMMENTS.

Dear Examiner Lee:

Thank you for speaking with me yesterday regarding the above referenced patent application. Following this cover sheet, please find the attached copies of Supplemental Information Disclosure Statements which were filed in accordance with the provisions of 37 C.F.R. § 1.97 on April 14, 2004 and April 29, 2004 for the above-referenced case. Please note that the Supplemental Information Statements include a statement under 37 C.F.R. § 1.97(e). The commissioner is hereby authorized to charge the \$180 fee under Rule 1.17(p).

Please do not hesitate to contact me if you have any questions. Thank you.

Thank you,
Kurt Rauschenbach

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The "RECEIVED" stamp of the U.S. Patent and Trademark Office imprinted hereon acknowledges the filing of:

Supplemental Information Disclosure Statement (2 pgs.); Form PTO-1449 (1 pg.); Copies of References Cited (A1-A4 and B3); Copy of International Search Report (7 pgs.); Transmittal Form with Certificate of First Class Mailing (1 pg.), Fee Transmittal Form (1 pg.), and Return Receipt Postcard.

Applicants: Chistyakov
Serial No.: 10/065,629
Filed: November 4, 2002
Docket No.: ZON-002
Attorney: Kurt Rauschenbach

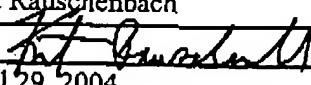
Date Mailed: April 29, 2004

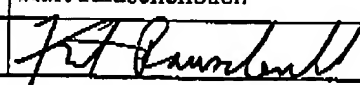


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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/065,629
		Filing Date	11/4/2002
		First Named Inventor	Roman Chistyakov
		Art Unit	2821
		Examiner Name	Wilson Lee
(Not Including Cited Reference(s)) Total Number of Pages in This Submission	12	Attorney Docket Number	ZON-002

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 (1 pg.); Copy of References A1-A4 and B3; Copy of Int. Search Report (7 pgs); and Return Receipt Postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kurt Rauschenbach
Signature	
Date	April 29, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Kurt Rauschenbach
Signature	
Date	4/29/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT
Attorney Docket No. ZON-002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Roman Chistyakov
SERIAL NO.: 10/065,629 GROUP NO.: 2821
FILING DATE: November 4, 2002 EXAMINER: Wilson Lee
TITLE: METHODS AND APPARATUS FOR GENERATING HIGH-DENSITY PLASMA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §1.97, Applicants hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the references are enclosed. Also, enclosed is a copy of the International Search Report for the PCT counterpart application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee under Rule 1.17(p), namely **\$180.00**, is included herein, or
- ☒ (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, AND
- ☒ Applicant hereby Petitions the Commissioner to accept and consider the attached Information Disclosure Statement, AND

- ☒ the requisite Statement is below, AND
- ☒ the requisite petition fee due under Rule 1.17(i)(1), namely ¹²⁰\$130.00 is included herein.

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application.

STATEMENT

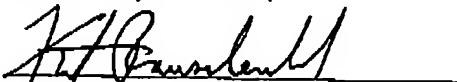
As required under §1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- ☒ 1. [E]ach item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application **not more than** three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. [N]o item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) **more than** three months prior to the filing of the Information Disclosure Statement.

FEE AUTHORIZATION

The Commissioner is hereby authorized to charge the ¹²⁰\$130.00 requisite petition fee to Deposit Account, No. 501211. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,



Kurt Rauschenbach

Atty/Agent for Applicant(s)

Rauschenbach Patent Law Group, LLC

Post Office Box 387

Bedford, MA 01730

Date: April 29, 2004

Reg. No. 40,137

Tel. No.: (781) 271-1503

Fax No.: (781) 271-1527

PTO/SB/08a (08-03)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/065,629
Filing Date	11/4/2002
First Named Inventor	Chistyakov
Art Unit	2821
Examiner Name	Wilson Lee
Attorney Docket Number	ZON-002

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- 5,433,258	18/07/1995	Barnes, et al.	
	A2	US- 5,696,428	09/12/1997	Pasch	
	A3	US- 5,916,455	29/06/1999	Kumagai	
	A4	US- 6,432,260 B1	13/08/2002	Mahoney, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B3	EP 0 650 183 A1	26/04/1995	Applied Materials, Inc.		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130.00

Complete if Known

Application Number 10/065,629
Filing Date 11/4/2002
First Named Inventor Roman Chistyakov
Examiner Name Wilson Lec
Art Unit 2821
Attorney Docket No. ZON-002

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 501211
Deposit Account Name Rauschenbach Patent Law Group, LLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	0.00
Multiple Dependent Claims	-3** =	X	0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 66	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 66	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 820*	1804 820*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Sheet	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			130.00

SUBMITTED BY

Name (Print/Type) Kurt Rauschenbach Registration No. (Attorney/Agent) 40,137 Telephone 781.271.1503
Signature [Signature] Date April 29, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

METHODS AND APPARATUS FOR GENERATING HIGH-DENSITY PLASMA

Submission Type: Information Disclosure Statement

Application Number: 10/065629

10/065629

EFS ID: 59008

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	4225
ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg: Server unable to validate the Confirmation/Application numbers at this time. They will be checked by PTO personnel later.

First Named Applicant: Roman Chistyakov

Attorney Docket Number: ZON-002

Timestamp: 2004-04-14 17:51:42 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-ids	ZON-002IDS2-usidst.xml	2169
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
package-data	ZON-002IDS2-pkda.xml	1738
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		69984

Message Digest: 4911e22e2a282f9f2dc0954bc493c2ba0b019163

Digital Certificate Holder Name: cn=Kurt Rauschenbach,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

**Title of
Invention****METHODS AND APPARATUS FOR GENERATING HIGH-
DENSITY PLASMA**

Application Number: 10/065629 *10/065629*
Confirmation Number: 4225
First Named Applicant: Roman Chistyakov
Attorney Docket Number: ZON-002
Art Unit: 2821
Examiner: Wilson Lee
Search string: (5916455 or 6432260 or 5433258 or
5696428).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5916455	1999-06-19	Kumagai		216	68
	2	6432260	2002-08-13	Mahoney, et al.	B1	156	345.35
	3	5433258	1995-07-18	Barnes, et al.		156	643.1
	4	5696428	1997-12-09	Pasch		315	111.21

Signature	
Examiner Name	Date

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	METHODS AND APPARATUS FOR GENERATING HIGH-DENSITY PLASMA
Application Number:	10/065629 *10/065629*
Date:	2002-11-04
First Named Applicant:	Mr. Roman Chistyakov
Confirmation Number:	4225
Attorney Docket Number:	ZON-002
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document (s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>	
Submitted by:	Elec. Sign.
Dr. Kurt Rauschenbach Registered Number: 40,137	

Documents being submitted us-ids	Files ZON-002IDS2-usidst.xml us-ids.dtd us-ids.xsl
Comments	